

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	60	((actuat\$2 activat\$2) and (expan\$4) and lock\$3 and (tubing tubular casing) and (extend\$2)).clm.	US-PGPUB	OR	ON	2006/03/23 19:18
S1	13	"2388137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 11:34
S2	4	("6425444" "6457532").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 11:38
S3	314	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 11:42
S4	462	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 11:42
S5	652	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 11:42
S6	305	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 11:42
S7	584	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 11:42
S8	12502	(expan\$5 near4 (swedge swadge cone member)) and (tubular pipe) and lock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:34
S9	3624	S8 and ((lock locking) with expan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:29

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S10	741	S9 and "166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:35
S11	35	S8 and ((lockable) with expan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:30
S12	249	(expan\$5 near4 (swedge swadge cone member)) and (tubular pipe) and lockable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:35
S13	214	S12 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:35
S14	25	S13 and "166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:41
S15	9134	(expandable with (tubular tubing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:42
S16	73	S15 and lockable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:46
S17	188	(72/370.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 20:36
S18	295	(72/370.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:52
S19	330	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:53

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S20	492	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:53
S21	680	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:53
S22	309	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:53
S23	589	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:53
S24	27	(S19 S20 S21 S22 S23 S17 S18) and lockable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:58
S25	531	(S19 S20 S21 S22 S23 S17 S18) and lock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:59
S26	203	S25 and (lock same expan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 15:07
S27	188	(72/370.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S28	295	(72/370.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S29	331	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07

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S30	495	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S31	682	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S32	309	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S33	589	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 15:07
S34	533	(S29 S30 S31 S32 S33 S27 S28) and lock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/08 22:00
S35	91	S34 and (locked same expan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 15:08
S36	13	"2388137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 16:17
S37	3	"2002059456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:05
S39	47	"0102021"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 16:18
S40	320	oosterling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 16:18
S41	1	2002-557971.NRAN.	DERWENT	OR	ON	2005/07/22 16:19

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S42	1	"200259456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 16:20
S43	540	(299/5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 17:06
S44	45	("1324303" "1545039" "1561418" "1569729" "1597212" "1930825" "2383214" "2499630" "2627891" "2663073" "2898971" "20020163192" "3087546" "3195646" "3467180" "3818734" "3911707" "4069573" "4127168" "4159564" "4288082" "4324407" "4429620" "4531581" "4697640" "4848469" "4855030" "5171472" "5409059" "5435400" "5472057" "5560426" "5685369" "5901787" "6021850" "6098717" "6325148" "6425444" "6446323" "6457532" "6457533" "6527049" "6543816" "6702029" "0761518").PN.	US-PGPUB; USPAT	OR	ON	2006/01/08 20:12
S45	42876	(expansion expandable) with (tubular casing tubing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/08 20:13
S46	842	S45 and (lock locking) and (activate activating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/08 20:13
S47	223	S46 and (down\$hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/08 20:14
S48	13	("1494128" "20040159446" "20050022986" "3489220" "4358961" "4557331" "4779445" "5014782" "5074048" "5513703" "5560624" "6622789" "6688397").PN.	US-PGPUB; USPAT	OR	ON	2006/01/08 20:36
S49	188	(72/370.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S50	297	(72/370.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00

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S51	367	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S52	558	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S53	739	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S54	331	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S55	596	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/08 22:00
S56	127	(S51 S52 S53 S54 S55 S49 S50) and (@pd>"20050722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:58
S58	2	("6708767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:31
S59	0	("2004/0159446").URPN.	USPAT	OR	ON	2006/03/23 14:34
S60	189	(72/370.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S61	297	(72/370.08).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S62	375	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58

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S63	575	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S64	758	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S65	332	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S66	597	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 14:58
S67	159	(S62 S63 S64 S65 S66 S60 S61) and (@pd>"20050722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/23 15:08
S68	2	("6851479").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/23 19:07